

State of Louisiana
Department of Transportation and Development (DOTD)
Materials and Testing Section Approved Materials Procedure
for

ELASTOMERIC BRIDGE BEARING PADS

MATERIAL SPECIFICATION REFERENCE:

DOTD Standard Specifications, Subsection 1018.14

PRELIMINARY REQUIREMENTS:

Approved Materials Evaluation Form

The manufacturer shall submit a standard "Approved Materials Evaluation Form" to the DOTD Materials and Testing Section Coordinator listed below, along with a letter requesting evaluation for the Approved Material List.

General Information

Include all pertinent information relative to the material to be evaluated; including, but not limited to, manufacturer's specifications, typical analysis and a Safety Data Sheet (SDS) if applicable.

Certification and/or Test Reports

Submit a certificate of analysis reporting actual test results of the material properties for each material submitted. In addition, a Certificate of Compliance is required for all laminated pads, stating that each pad has been load tested to 1500 psi and that the steel laminates are properly aligned.

Sample (to be furnished at no cost to the Department)

Submit one finished bearing pad typical of the size and type intended for Department projects. Pin grooves of laminated pads are to be properly filled. In addition, submit at least two sets of prepared specimens of virgin, low temperature Grade 2 polychloroprene complying with AASHTO M 251 specifications. All samples shall be produced from factory mixed stock.

TEST REQUIREMENTS:

Laboratory Testing

The approved materials sample shall be tested in accordance with the applicable procedures shown in the attached Subsection 1018.14.

Evaluation Time

Laboratory testing - 2 weeks

GENERAL:

Upon completion of the evaluation, the submitter will be notified in writing concerning the results of the evaluation and whether the material will or will not be added to the Approved Material List. The Department reserves the right to reevaluate any material at any time. The Department must be notified in writing of any change in material formulation. Significant changes may require reevaluation of the material.

PROJECT ACCEPTANCE REQUIREMENTS:

Inclusion of your product on the Approved Materials List is not blanket approval for its use.

All products, regardless of prior approval, shall be sampled in accordance with the Materials Sampling Manual.

DISQUALIFICATION:

Any material may be removed from the Approved Material List for non-conformance with specifications or performance requirements.

REQUALIFICATION:

A material which has been disqualified and removed from the Approved Material List will be considered for reevaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification have been resolved.

DOTD MATERIALS AND TESTING SECTION COORDINATOR

Patrick Icenogle , P.E.
Special Testing Engineer
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Approved 2-5-15

A handwritten signature in black ink, appearing to read 'Chris Abadie', with a stylized, flowing script.

CHRIS ABADIE, P.E.
DOTD MATERIALS ENGINEER ADMINISTRATOR